

## **Agricultural Management Measure Implementation Objectives for 6217 Watershed**

### **1. Erosion Control on Cropland**

#### **Objective:**

Work with land owners/operators to develop and implement the erosion control component of conservation management systems on their cropland to reduce erosion.

#### **Measure of success:**

Number of conservation plans developed that include the erosion control component of a conservation management system

Number of erosion control practices and technologies implemented

Reduced sediments and attached pollutants in surface water

#### **Resources Needed:**

1. More technical personnel
2. More funds for cost-sharing/ incentives
3. Educational resources for educating the public
4. Cooperation and support from agricultural agencies, organizations and other interest groups
5. More Technical Service Providers

#### **Implementing Agencies:**

1. Natural Resource Conservation Service (NRCS)
2. Indiana Department of Natural Resources (IDNR)
3. Purdue Cooperative Extension Service (CES)
4. Indiana Department of Environmental Management (IDEM)
5. Soil and Water Conservation Districts (SWCD)

**Time line:** 1-5 years

### **2. Reduce Wastewater and Runoff from Confined Animal Facilities (Small Units)**

#### **Objective:**

Work with owners and operators of small confined animal facilities to design and implement animal waste storage and waste utilization systems to reduce the potential for contamination of surface water from animal waste.

#### **Measure of success:**

Number of manure management plans developed and implemented

Number of animal waste storage systems designed and installed

Improved water quality by a reduction of pathogens in surface water

#### **Resources Needed:**

1. Increased technical personnel
2. More funds for cost sharing/incentives
3. Educational resources for educating the public
4. Cooperation and support from agricultural agencies, organizations and other interest groups
5. More Technical Service Providers

#### **Implementing Agencies:**

1. Natural Resource Conservation Service (NRCS)
2. Indiana Department of Natural Resources (IDNR)



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3. Purdue Cooperative Extension Service (CES)
4. Indiana Department of Environmental Management (IDEM)
5. Soil and Water Conservation Districts (SWCD)

**Time line:** 1-5 years

### **3. Reduce Runoff and Leaching of Nutrients Applied to Cropland**

**Objective:**

Work with land owners/operators to develop and implement nutrient management plans to reduce the potential for runoff and/or leaching of nutrients into surface or groundwater.

**Measure of success:**

Number of nutrient management plans developed and implemented  
Improved water quality through a reduction of nutrients found in surface and groundwater.

**Resources Needed:**

1. More technical personnel
2. More funds for cost-sharing/ incentives
3. Educational resources for educating the public
4. Cooperation and support from agricultural agencies, organizations and other interest groups
5. More Technical Service Providers

**Implementing Agencies:**

1. Natural Resource Conservation Service (NRCS)
2. Indiana Department of Natural Resources (IDNR)
3. Purdue Cooperative Extension Service (CES)
4. Indiana Department of Environmental Management (IDEM)
5. Soil and Water Conservation Districts (SWCD)

**Time line:** 1-5 years

### **4. Reduce Runoff and Leaching of Pesticides Applied to Cropland**

**Objective:**

Work with land owners/operators to develop and implement pesticide management plans to reduce the potential for runoff and/or leaching of pesticides into surface or groundwater.

**Measure of success:**

Number of nutrient management plans developed and implemented  
Improved water quality through a reduction of pesticides found in surface and groundwater.

**Resources Needed:**

1. More technical personnel
2. More funds for cost-sharing/ incentives
3. Educational resources for educating the public
4. Cooperation and support from agricultural agencies, organizations and other interest groups
5. More Technical Service Providers



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**Implementing Agencies:**

1. Natural Resource Conservation Service (NRCS)
2. Indiana Department of Natural Resources (IDNR)
3. Purdue Cooperative Extension Service (CES)
4. Indiana Department of Environmental Management (IDEM)
5. Soil and Water Conservation Districts (SWCD)

**Time line:** 1-5 years

**5. Improved Grazing Land Management****Objective:**

Work with land owners/operators to develop and implement improved grazing land management systems.

**Measure of success:**

1. Number of grazing land management plans developed and implemented
2. Number of rotational grazing systems established
3. Number of feet of fencing installed to remove access of livestock to streams, riparian areas and wetlands
4. Improved surface water quality from reduced input of sediment and pathogens related to livestock access to sensitive areas and/or runoff from poorly vegetated grazing lands.

**Resources Needed:**

1. More grazing land specialists
2. More funds for cost-sharing/ incentives
3. Educational resources for educating the public
4. Cooperation and support from agricultural agencies, organizations and other interest groups
5. Promotion of conservation easements by local planning groups

**Implementing Agencies:**

1. Natural Resource Conservation Service (NRCS)
2. Indiana Department of Natural Resources (IDNR)
3. Purdue Cooperative Extension Service (CES)
4. Indiana Department of Environmental Management (IDEM)
5. Soil and Water Conservation Districts (SWCD)

**Time line:** 1-5 years



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